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APR 22 2003

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Substitute for form 1449A/PTO

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	6	Attorney Docket Number	A-69850-1/DJB/RMS/DCF
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓	1	4,200,110		Peterson et al.	4/1980	
✓	2	4,499,052		Fulwyler	2/1985	
✓	3	4,682,895		Costello	7/1987	
✓	4	4,785,814		Kane	11/1988	
✓	5	4,822,746		Walt	4/1989	
✓	6	4,824,789		Yafuso et al.	4/1989	
✓	7	4,999,306		Yafuso et al.	3/1991	
✓	8	5,002,867		Macevitz	3/1991	
✓	9	5,028,545		Soimi	7/1991	
✓	10	5,105,305		Betzig et al.	4/1992	
✓	11	5,114,864		Walt	5/1992	
✓	12	5,132,242		Cheung	7/1992	
✓	13	5,143,853		Walt	9/1992	
✓	14	5,194,300		Cheung	3/1993	
✓	15	5,244,636		Walt et al.	9/1993	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ²	Number ⁴				
✓	16	EP	0 269 764		6/1988		
✓	17	EP	0 392 546		10/1990		
✓	18	EP	0 478 319		4/1992		
✓	19	EP	0 723 146		7/1996		
✓	20	WO	89/11101		11/1989		
✓	21	WO	93/02360		2/1993		
✓	22	WO	96/03212		2/1996		
✓	23	WO	97/14028		4/1997		
✓	24	WO	97/14928		4/1997		
✓	25	WO	97/40385		10/1997		
✓	26	WO	98/40726		9/1998		

Examiner Signature	<i>Julian</i>	Date Considered	6/21/2003
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 6 Attorney Docket Number A-69850-1/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
✓	27	5,244,813		Walt et al.	9/1993	
✓	28	5,250,264		Walt et al.	10/1993	
✓	29	5,252,494		Walt	10/1993	
✓	30	5,254,477		Walt	10/1993	
✓	31	5,298,741		Walt et al.	3/1994	
✓	32	5,302,509		Cheeseman	4/1994	
✓	33	5,320,814		Walt et al.	6/1994	
✓	34	5,357,590		Auracher	10/1994	
✓	35	5,380,489		Sutton et al.	1/1995	
✓	36	5,435,724		Goodman et al.	7/1995	
✓	37	5,474,895		Ishii et al.	12/1995	
✓	38	5,481,629		Tabuchi	1/1996	
✓	39	5,494,798		Gerdt et al.	2/1996	
✓	40	5,496,997		Pope	3/1996	
✓	41	5,512,490		Walt et al.	4/1996	
✓	42	5,516,635		Ekins et al.	5/1996	
✓	43	5,565,324		Still et al.	10/1996	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ³	Number ⁴	Kind Code ² (if known)				
✓	44	WO	98/50782			11/1998		
✓	45	WO	98/53093			11/1998		
✓	46	WO	98/53300			11/1998		
✓	47	WO	99/18434			4/1999		
✓	48	WO	99/60170			11/1999		
✓	49	WO	99/67414			12/1999		
✓	50	WO	99/67641			12/1999		
✓	51	WO	00/04372			1/2000		
✓	52	WO	00/13004			3/2000		

Examiner Signature	<i>Take in</i>	Date Considered	6/27/2003
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APR 22 2003
U.S. PATENT & TRADEMARK OFFICE
1645 1634

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Sheet 3		of	6		
<i>Complete if Known</i>					
Application Number		09/779,202			
Filing Date		February 07, 2001			
First Named Inventor		JIAN-BING FAN et al.			
Group Art Unit		1645 1634			
Examiner Name		NOT YET ASSIGNED			
Attorney Docket Number		A-69850-1/QJB/RMS/DCF			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
W ✓	53	5,573,909		Singer et al.	11/1996
✓	54	5,575,849		Honda et al.	11/1996
✓	55	5,633,972		Walt et al.	5/1997
✓	56	5,639,603		Dower et al.	6/1997
✓	57	5,656,241		Seifert et al.	8/1997
✓	58	5,690,894		Pinkel et al.	11/1997
✓	59	5,814,524		Walt	10/1998
✓	60	5,840,256		Demers et al.	11/1998
✓	61	5,854,684		Stabile et al.	12/1998
✓	62	5,863,708		Zanzucchi et al.	1/1999
✓	63	5,888,723		Sutton et al.	3/1999
✓	64	5,900,481		Lough et al.	5/1999
✓	65	6,023,540		Walt et al.	2/2000
✓	66	5,679,524		Nikiforov et al.	10/1997
✓	67	5,856,083		Chelsky et al.	01/1999
✓	68	5,858,732		Solomon et al.	01/1999

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office ³	Number ⁴	Kind Code ² (if known)	
W ✓	69	WO	00/16101		3/2000
✓	70	WO	00/39587		7/2000
✓	71	WO	00/47996		8/2000
✓	72	WO	00/48000		9/2000
✓	73	WO	00/63437		10/2000
✓	74	WO	00/71243		11/2000
✓	75	WO	00/71995		11/2000
✓	76	WO	00/75373		12/2000

Examiner Signature	<i>Walt</i>	Date Considered	<i>6/27/2003</i>
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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 Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number 09/779,202 Filing Date February 07, 2001 First Named Inventor JIAN-BING FAN et al. Group Art Unit 1645 1634 Examiner Name NOT YET ASSIGNED	Attorney Docket Number A-69850-1/DJB/RMS/DCF
Sheet	4	of	6

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Julian

Date Considered

1/27/2023

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Application Number	09/779,202
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN et al.
Group Art Unit	1645 1634
Examiner Name	NOT YET ASSIGNED

Sheet	5	of	6	Attorney Docket Number	A-69850-1/DJB/RMS/DCF
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

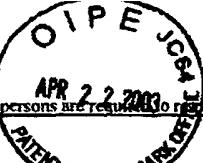
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
✓	87	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," <i>Anal. Chem.</i> 68:2905-2912 (1996).	
	88	Anonymous, "Microsphere Selection Guide," Bang Laboratories, (Fisher, In) September 1998.	
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	95	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," <i>Scientia Yugoslavica</i> , 16(1-2):97-107 (1990).	
	96	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," <i>International Journal of Genome Research</i> , 1(1):59-79 (1992).	
	97	Drmanac, R. et al., "Sequencing by Hybridization," <i>Automated DNA Sequencing and Analysis</i> , ed. M. Adams, C. Fields and J. Venter. (1994).	
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	101	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," <i>Anal. Chem.</i> 67(24):4471-4476 (1995).	
	102	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," <i>SPIE Proc.</i> 2388:568-573 (1995).	
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✓	105	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," <i>Cytometry</i> , 39:131-140 (2000).	

Examiner Signature	<i>Mike Cn</i>	Date Considered	6/27/2003
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		Application Number	09/779,202
		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN et al.
		Group Art Unit	1645 1634
		Examiner Name	NOT YET ASSIGNED
		Attorney Docket Number	A-69850-1/DJB/RMS/DCF
Sheet	6	of	6

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Signature	<i>Wheeler</i>	Date Considered	6/27/2003
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(1052698)

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	09/779,202
(use as many sheets as necessary)		Filing Date	February 07, 2001
2000 SEARCHED INDEXED MAILED OCT 10 2000 USPTO		First Named Inventor	FAN et al.
		Group Art Unit	1645 1634
		Examiner Name	Not Yet Assigned
SEARCHED INDEXED MAILED OCT 10 2000 USPTO	1	of	3
		Attorney Docket Number	A-69850-1/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
W	1	5,494,810		Barany et al.	02/1996	
/	2	5,604,097		Brenner	02/1997	
	3	5,632,957		Heller et al.	05/1997	
-	4	5,763,175		Brenner	06/1998	
-	5	5,780,231		Brenner	07/1998	
--	6	5,795,714		Cantor et al.	08/1998	
-	7	5,830,711		Barany et al.	11/1998	
-	8	5,976,797		Mitsuhashi	11/1999	
-	9	6,027,889		Barany et al.	02/2000	
--	10	6,054,564		Barany et al.	04/2000	
↓ -	11	6,096,496		Frankel	08/2000	
						X X

FOREIGN PATENT DOCUMENTS

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		Office ²	Number ⁴ (if known)			
u-	12	WO	93/25563	A1	City of Hope	12/1993
—	13	WO	94/02515	A1	Bunsen Rush Laboratories Inc.	02/1994
—	14	WO	95/21271	A1	Molecular Tool Inc.	08/1995
—	15	WO	95/16918	A1	Combichem Inc.	06/1995
—	16	WO	96/15271	A1	Abbott Laboratories	05/1996
—	17	WO	96/30392	A1	Ciba-Geigy AG	10/1996
—	18	WO	97/31256	A2	Cornell Research Foundation, Inc.	08/1997
v-	19	WO	97/45559	A1	Cornell Research Foundation, Inc.	12/1997

Examiner Signature	<i>Miller</i>	Date Considered	6/21/2003
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Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	09/779,202
		Filing Date	February 07, 2001
		First Named Inventor	FAN et al.
		Group Art Unit	1643 634
		Examiner Name	Not Yet Assigned
Sheet	2	of	3
		Attorney Docket Number	A-69850-1/DJB/RMS/DCF

U.S. PATENT DOCUMENTS						Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code ² (if known)				
W	20	6,251,639	B1	Kurn	06/2001		
—	21	6,268,148	B1	Barany et al.	07/2001		
—	22	6,274,323	B1	Bruchez et al.	08/2001		
W	23	6,284,465	B1	Wolber	09/2001		

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴ (if known)			
W	24	WO	97/46704	A1	Lynx Therapeutics Inc.	12/1997
—	25	WO	98/04746	A1	Mount Sinai School of Medicine of the City University of New York	02/1998
—	26	WO	98/13523	A1	Pyrose-Quencing AB	04/1998
—	27	WO	98/31836	A1	Hyseq Inc.	07/1998
—	28	WO	99/39001	A2	Amersham Pharmacia Biotech	08/1999
—	29	WO	99/64867	A1	Amersham Pharmacia Biotech	12/1999
—	30	WO	00/58516	A2	whitehead Institute for Biomedical Research	10/2000
↓ —	31	WO	00/71992	A1	Illumina Inc.	11/2000
					X	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/779,202
		Filing Date	February 07, 2001
		First Named Inventor	FAN et al.
		Group Art Unit	1645 1634
		Examiner Name	Not Yet Assigned
Sheet 5 of 10	3	of	3
		Attorney Docket Number	A-69850-1/DJB/RMS/DCF



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		Office ²	Number ⁴	Kind Code ³ (if known)				
W	12	WO	93/25563	A1	City of Hope	12/1993		
—	13	WO	94/02515	A1	Bunsen Rush Laboratories Inc.	02/1994		
—	14	WO	95/21271	A1	Molecular Tool Inc.	08/1995		
—	15	WO	95/16918	A1	CombiChem Inc.	06/1995		
—	16	WO	96/15271	A1	Abbott Laboratories	05/1996		
—	17	WO	96/30392	A1	Ciba-Geigy AG	10/1996		
—	18	WO	97/31256	A2	Cornell Research Foundation, Inc.	08/1997		
—	19	WO	97/45559	A1	Cornell Research Foundation, Inc.	12/1997		

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